

What is claimed is:

1. A process for recycling a waste multi-compartment detergent pouch containing more than one detergent or detergent auxiliary compositions enclosed within a water-soluble enveloping material, the process comprising:
 - i) introducing the waste pouch into a mixing chamber;
 - ii) adding a solubilizing agent thereto in an amount sufficient to at least partially dissolve the enveloping material and subjecting the mixture to mechanical mixing to form a slurry; and
 - iii) converting the resulting slurry to a solid form.
2. A process according to claim 1 wherein the multi-compartment pouch comprises at least two compartments containing compositions physically different from one another.
3. A process according to claim 1 wherein the process is performed in a combined mixer-dryer apparatus.
4. A process according to claim 1 wherein the multi-compartment pouch comprises a first compartment containing a solid composition and a second compartment containing a liquid composition, and wherein the solid composition comprises a detergency bleach and the liquid composition comprises an amine, said process comprising the further step of adding a peroxide to the mixture or slurry of step ii) in order to essentially oxidise the amino-group of the amine.
5. A process according to claim 1 wherein the mixture of step ii) contains an amount of solubilizing agent and is mechanically mixed for a time sufficient to completely dissolve the enveloping material.
6. A process according to claim 1 including the step of separating any insoluble residue.

7. A process for recycling a waste multi-compartment detergent pouch containing more than one detergent or detergent auxiliary compositions enclosed within a water-soluble enveloping material wherein a first compartment contains a solid composition and a second compartment contains a liquid composition and wherein the first compartment has a dissolution time lower than the second, the process comprising:
 - i) introducing a waste pouch into a mixing chamber;
 - ii) adding a solubilizing agent thereto in an amount sufficient to partially dissolve the enveloping material of the first compartment and subjecting the mixture to mechanical mixing to form a slurry wherein the residence time of pouch in the mixing chamber is greater than the dissolution time of the first compartment and smaller than that of the second compartment;
 - iii) separating the undissolved pouch residue; and
 - iv) converting the resulting slurry to a solid form.
8. A process for making a multi-compartment detergent pouch wherein one or more compartments thereof contains a detergent or detergent auxiliary composition enclosed within a water-soluble enveloping material, said process comprising the steps of:
 - i) forming one or more open compartments;
 - ii) filling at least one open compartment with a detergent or detergent auxiliary composition comprising recycled material made by a process according to claim 1; and
 - iii) closing and sealing the open compartments to produce a multi-compartment pouch.
9. A process according to claim 8 comprising the further step of adding a perfume to the recycled material before its addition to the open compartment.
10. A multi-compartment pouch obtainable according to the processes of claim 8.
11. A multi-compartment pouch obtainable according to the process of claim 9.

12. A multi-compartment detergent pouch wherein each compartment contains a detergent or auxiliary composition enclosed within an enveloping material wherein at least one of the compartments comprises recycled material, said recycled material being obtainable by mixing a detergent and/or auxiliary composition and an enveloping material from a waste pouch.